

**Abstract**

5       **Microbattery with at least one electrode and electrolyte each  
comprising a common grouping  $[XY_1Y_2Y_3Y_4]$  and method for production  
of said microbattery.**

10       A microbattery comprises, in the form of thin layers, at least first and second  
electrodes between which a solid electrolyte is disposed. The first electrode  
and the electrolyte both comprise at least one common grouping of  
15        $[XY_1Y_2Y_3Y_4]$  type, where X is located in a tetrahedron whose peaks are  
respectively formed by the chemical elements  $Y_1$ ,  $Y_2$ ,  $Y_3$  and  $Y_4$ , the chemical  
element X being selected from the group consisting of phosphorus, boron,  
silicon, sulphur, molybdenum, vanadium and germanium and the chemical  
15       elements  $Y_1$ ,  $Y_2$ ,  $Y_3$  and  $Y_4$  being selected from the group consisting of  
sulphur, oxygen, fluorine and chlorine.